What is claimed is:

1	1.	In a text-to-speech system, a method of converting text-to-speech comprising:
2		receiving a text input;

comparing said received text input to at least one entry in a text-to-speech cache memory, wherein said entry in said text-to-speech cache memory specifies a corresponding spoken output; and

if said text input matches one of said entries in said text-to-speech cache memory, providing said spoken output specified by said matching entry.

- 2. The method of claim 1, wherein said text-to-speech cache entries include said spoken output.
- 3. The method of claim 1, wherein said text-to-speech cache is shared across multiple text-to-speech processes.
- The method of claim 1, further comprising:
 logging each said match of said text input with a text-to-speech cache entry.
- 5. The method of claim 1, wherein said text input does not match an entry in said text-to-speech cache memory, said method further comprising:

determining a spoken output corresponding to said text input; and storing an entry in said text-to-speech cache memory corresponding to said text input, wherein said entry specifies said determined spoken output.

The method of claim 5, further comprising:
 removing one of said entries in said text-to-speech cache memory.

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- 7. The method of claim 5, wherein each said entry in said text-to-speech cache
- memory has a score, said method further comprising:
 - periodically updating each said score.
- 1 8. The method of claim 7, further comprising:
- removing one of said entries in said text-to-speech cache memory having a lowest score.
- 9. The method of claim 1, wherein said received text input includes corresponding attributes and said entries in said text-to-speech cache memory include attributes.
 - 10. The method of claim 9, said comparing step further comprising: comparing said attributes of said received text input with attributes of said entries in said text-to-speech cache memory.
 - 11. A method of converting text-to-speech using a text-to-speech cache memory having a plurality of entries, wherein said entries comprise a processed form specifying a spoken output, said method comprising:

receiving a text input;

processing said text input to determine a form specifying a spoken output for said received text;

comparing said determined form of said text input with said entries in said text-to-speech cache memory;

if said text input matches one of said entries in said text-to-speech cache memory, providing said cached speech output specified by said matching entry.

12. The method of claim 11, wherein said text-to-speech cache entries include said spoken output.

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- 1 13. The method of claim 11, wherein said text-to-speech cache is shared across multiple text-to-speech processes.
- 1 14. The method of claim 11, further comprising:
 2 logging each said match of said text input with a text-to-speech cache entry.
- 15. The method of claim 11, wherein said text input does not match an entry in said text-to-speech cache memory, said method further comprising:

 determining a spoken output corresponding to said text input; and storing an entry in said text-to-speech cache memory corresponding to said text input, wherein said entry specifies said determined spoken output.
 - 16. The method of claim 15, further comprising: removing one of said entries in said text-to-speech cache memory.
 - 17. The method of claim 15, wherein each said entry in said text-to-speech cache memory has a score, said method further comprising:

 periodically updating each said score.
 - 18. The method of claim 17, further comprising: removing one of said entries in said text-to-speech cache memory having a lowest score.
 - 19. A method of converting text-to-speech comprising: storing a plurality of entries in a text-to-speech cache memory, wherein each said entry comprises a processed form specifying a spoken output; assigning a score to each one of said plurality of entries; receiving a text input;
 - processing said text input to determine a form specifying a spoken output for

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said received text;

comparing said determined form of said text input with said entries in said textto-speech cache memory;

logging when one of said plurality of entries in said text-to-speech cache memory is matched to said received text input; and

periodically updating said score for each one of said plurality of entries of said text-to-speech cache memory.

20. A method of administering entries of a cache memory comprising:

adding a plurality of entries to a cache memory and assigning a score to each one of said plurality of entries, wherein said scores are used to determine when a corresponding entry is deleted;

logging hits in said cache memory between a previous score update and a subsequent score update;

periodically updating each said score by multiplying each said score by a predetermined multiplier and adding a value representative of said logged hits for each one of said plurality of entries;

clearing said logged hits; and

deleting one of said plurality of entries in said cache memory having a lowest score.

- 21. A text-to-speech system comprising a text-to-speech engine for receiving text
- and producing a spoken output representative of said received text, and a text-to
 - speech cache memory for storing selected entries corresponding to received text
- inputs, wherein said entries specify spoken outputs corresponding to said selected
- 5 received text inputs.
- The text-to-speech system of claim 21, wherein said text-to-speech entries are programmed.

P1018107:2 17

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- The text-to-speech system of claim 21, wherein said text-to-speech cache entries include said spoken output.
- The text-to-speech system of claim 21, wherein said text-to-speech cache is shared across multiple text-to-speech processes.
 - 25. A machine-readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

receiving a text input;

comparing said received text input to at least one entry in a text-to-speech cache memory, wherein each said entry in said text-to-speech cache memory specifies a corresponding spoken output; and

if said text input matches one of said entries in said text-to-speech cache memory, providing said cached speech output specified by said matching entry.

- 26. The machine-readable storage of claim 25, wherein said text-to-speech cache entries include said spoken output.
- 27. The machine-readable storage of claim 25, wherein said text-to-speech cache is shared across multiple text-to-speech processes.
- The machine-readable storage of claim 25, further comprising:
 logging each said match of said text input with a text-to-speech cache entry.
- The machine-readable storage of claim 25, wherein said text input does not match an entry in said text-to-speech cache memory, said machine-readable storage further comprising:
 - determining a spoken output corresponding to said text input; and

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storing an entry in said text-to-speech cache memory corresponding to said text input, wherein said entry specifies said determined spoken output.

- 30. The machine-readable storage of claim 29, further comprising: removing one of said entries in said text-to-speech cache memory.
- The machine-readable storage of claim 29, wherein each said entry in said textto-speech cache memory has a score, said machine-readable storage further comprising:
 - periodically updating each said score.
 - 32. The machine-readable storage of claim 29, further comprising: removing one of said entries in said text-to-speech cache memory having a lowest score.
 - 33. The machine-readable storage of claim 25, wherein said received text input includes corresponding attributes and said entries in said text-to-speech cache memory include attributes.
 - 34. The machine-readable storage of claim 33, said comparing step further comprising:
 - comparing said attributes of said received text input with attributes of said entries in said text-to-speech cache memory.
 - 35. A machine-readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:
 - storing a plurality of entries in a text-to-speech cache memory, wherein each one of said entries comprises a processed form specifying a spoken output;

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receiving a text input;

processing said text input to determine a form specifying a spoken output for said received text;

comparing said determined form of said text input with said entries in said textto-speech cache memory;

if said text input matches one of said entries in said text-to-speech cache memory, providing said cached speech output specified by said matching entry.

- 36. The machine-readable storage of claim 35, wherein said text-to-speech cache entries include said spoken output.
- 37. The machine-readable storage of claim 35, wherein said text-to-speech cache is shared across multiple text-to-speech processes.
- 38. The machine-readable storage of claim 35, further comprising: logging each said match of said text input with a text-to-speech cache entry.
- 39. The machine-readable storage of claim 35, wherein said text input does not match an entry in said text-to-speech cache memory, said machine-readable storage further comprising:

determining a spoken output corresponding to said text input; and storing an entry in said text-to-speech cache memory corresponding to said text input, wherein said entry specifies said determined spoken output.

40. The machine-readable storage of claim 35, further comprising: removing one of said entries in said text-to-speech cache memory.

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- 1 41. The machine-readable storage of claim 35, wherein each said entry in said textto-speech cache memory has a score, said machine-readable storage further comprising:
 - periodically updating each said score.
 - 42. The machine-readable storage of claim 41, further comprising: removing one of said entries in said text-to-speech cache memory having a lowest score.
 - 43. A machine-readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

storing a plurality of entries in a text-to-speech cache memory, wherein each said entry comprises a processed form specifying a spoken output;

assigning a score to each one of said plurality of entries;

receiving a text input;

processing said text input to determine a form specifying a spoken output for said received text;

comparing said determined form of said text input with said entries in said textto-speech cache memory;

logging when one of said plurality of entries in said text-to-speech cache memory is matched to said received text input; and

periodically updating said score for each one of said plurality of entries of said text-to-speech cache memory.

- 44. A machine-readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:
 - adding a plurality of entries to a cache memory and assigning a score to each

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Docket No. BOC9-2001-0022 (266)

one of said plurality of entries, wherein each said score determines when a corresponding entry is deleted;

logging hits in said cache memory between a previous score update and a subsequent score update;

periodically updating each said score by multiplying each said score by a predetermined multiplier and adding a value representative of said logged hits for each one of said plurality of entries;

clearing said logged hits; and

deleting one of said plurality of entries in said cache memory having a lowest score.